

WHAT IS CLAIMED IS:

1. An image reading apparatus, comprising:
  - an original placement stand for placing an original;
  - 5 scanning means for optically scanning the original placed on said original placement stand;
  - driving means for driving said scanning means along said original placement stand;
  - energizing means for energizing said driving 10 means;
  - detecting means for detecting a position of said scanning means by backing or reciprocating said scanning means; and
  - controlling means for controlling the position of 15 said scanning means,
  - wherein said controlling means stops said scanning means in a predetermined position after completion of scanning the original with said scanning means and said energizing means energizes said driving means for a 20 predetermined time period to generate a braking force, and
  - wherein said scanning means starts to scan the original from the predetermined position without detecting the position of said scanning means by said 25 detecting means when an original reading instruction is inputted within the predetermined time period.

2. An image reading apparatus according to claim  
1, wherein when the original reading instruction is  
inputted after an elapse of the predetermined time  
period, said scanning means starts to scan the original  
5 after the position of said scanning means is detected  
by the detecting means.

3. An image reading apparatus according to  
claim 1, wherein said driving means has a pulse motor  
10 and said energizing means energizes said pulse motor  
more weakly than for scanning to generate the braking  
force.

4. An image reading apparatus according to claim  
15 1, wherein said energizing means de-energizes said  
driving means after an elapse of the predetermined time  
period.

5. An image reading apparatus according to claim  
20 1, wherein said scanning means starts to scan the  
original after a shading compensation is preformed  
independently of whether the original reading  
instruction is inputted at a timing within the  
predetermined time period or after an elapse of the  
25 predetermined time period.

6. An image reading apparatus according to claim

5, wherein said shading compensation is performed when  
said scanning means is positioned in said predetermined  
position.

5           7. An image reading apparatus according to claim  
1, wherein when the original reading instruction is  
inputted after an elapse of the predetermined time  
period, said scanning means starts to scan the original  
after a shading compensation is performed, and wherein  
10          when the original reading instruction is inputted  
within the predetermined time period, said scanning  
means starts to scanning the original without the  
shading compensation.

15          8. An image reading apparatus according to claim  
1, wherein the predetermined time period is variable,  
and further comprising setting means for setting the  
predetermined time period.

20          9. An image reading apparatus according to claim  
1, wherein said predetermined position is a position in  
that said detecting means detects the position of said  
scanning means.

25          10. An image reading apparatus according to  
claim 1, wherein said image reading apparatus is  
arranged as a part of a copying machine having an image

forming portion including deflecting means for  
deflecting an image light beam with a rotation of said  
deflecting means and said image forming portion rotates  
said deflecting means for a given time period after  
5 completion of a series of image forming processes.

11. An image reading apparatus according to  
claim 10, wherein said deflecting means comprises a  
rotary polygon mirror.

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12. An image reading apparatus according to  
claim 10, wherein said predetermined time period is  
substantially equal to the given time period.

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